

## INTERNATIONAL SEARCH REPORT

 Int. Application No  
 P. 3B2004/003597

 A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 E21B47/18 E21B43/26

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 685 628 A (SOFITECH NV ; SCHLUMBERGER CIE DOWELL (FR)) 6 December 1995 (1995-12-06) column 3, lines 50-58 column 4, lines 20-23 column 4, lines 35-48	1-30
Y	US 2003/026167 A1 (HAHN DETLEF ET AL) 6 February 2003 (2003-02-06) paragraph '0006! paragraph '0015! paragraph '0029! paragraph '0043!; figures 2,5 -/-	1-30

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

22 October 2004

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03/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 96/09561 A (SENSOR DYNAMICS LTD ; KLUTH ERHARD LOTHAR EDGAR (GB); VARNHAM MALCOLM) 28 March 1996 (1996-03-28) page 2, lines 3-12 page 3, lines 3-11 page 7, lines 8-11	1,7-9, 16,21, 23,27,28
A	WO 02/27139 A (TUBEL PAULO S) 4 April 2002 (2002-04-04)  paragraph '0010! paragraph '0032! paragraph '0053!; claims 1,3,5,6,11,14,15,39	1,3,5,7, 10,14, 15,19
A	US 6 172 614 B1 (GARDNER WALLACE R ET AL) 9 January 2001 (2001-01-09) the whole document	1,15,16, 19,21

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